

# Sequence Listing

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Pennica, Diane

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<213> Mouse

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<211> 1363  
<212> DNA  
<213> Mouse

<220>  
<221> Unknown  
<222> 504  
<223> Any nucleotide

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 <212> DNA  
 <213> Mouse

<400> 18

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<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-14  
<223> Sequence is synthesized

<400> 20  
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<210> 21  
<211> 44  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-44  
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<210> 22  
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<213> Artificial sequence

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<222> 1-43  
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<400> 22  
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<210> 23  
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<212> DNA  
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<221> Artificial sequence  
<222> 1-10  
<223> Sequence is synthesized

<400> 23  
acctgcccgg 10

<210> 24  
 <211> 11  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <221> Artificial sequence  
 <222> 1-11  
 <223> Sequence is synthesized  
  
 <400> 24  
 accgccctcc g 11  
  
 <210> 25  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <221> Artificial sequence  
 <222> 1-22  
 <223> Sequence is synthesized  
  
 <400> 25  
 ctaatacgac tcactatagg gc 22  
  
 <210> 26  
 <211> 21  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <221> Artificial sequence  
 <222> 1-21  
 <223> Sequence is synthesized  
  
 <400> 26  
 tgtagcgtga agacgacaga a 21  
  
 <210> 27  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence  
  
 <220>  
 <221> Artificial sequence  
 <222> 1-22  
 <223> Sequence is synthesized  
  
 <400> 27  
 tcgagcggcc gcccgggcag gt 22  
  
 <210> 28  
 <211> 22  
 <212> DNA  
 <213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-22  
<223> Sequence is synthesized

<400> 28  
agggcgtggt gcggagggcg gt 22

<210> 29  
<211> 20  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-20  
<223> Sequence is synthesized

<400> 29  
accacagtcc atgccatcac 20

<210> 30  
<211> 20  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-20  
<223> Sequence is synthesized

<400> 30  
tccaccaccc tgttgctgta 20

<210> 31  
<211> 163  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-163  
<223> Sequence is synthesized

<400> 31  
tgtaataega ctoactatag ggcgaattgg gcccgacgtc gcattgctccc 50  
ggccgccatg gccgcgggat taccactagt gcggccgcct gcaggctcgac 100  
catatgggag agctcccaac gcgttgatg catagcttga gtattctata 150  
gtgtcaccta aat 163

<210> 32  
<211> 163  
<212> DNA  
<213> Artificial sequence



<220>  
<221> Artificial sequence  
<222> 1-163  
<223> Sequence is synthesized  
  
<400> 32  
athtaggtga cactatagaa tactcaagct atgcatccaa cgcgttgga 50  
  
gctctcccat atggtcgacc tgcaggcggc cgcactagt attatcccgc 100  
  
ggccatggcg gccgggagca tgcgacgtcg ggcccaattc gccctatagt 150  
  
gagtcgtatt aca 163

<210> 33  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 33  
cagagggtgg gtgggaaaga gtga 24

<210> 34  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> Artificial  
<222> 1-24  
<223> Sequence is synthesized

<400> 34  
cacagcgtcc tttatgtcac ttcc 24

<210> 35  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> Artificial sequence  
<222> 1-23  
<223> Sequence is synthesized

<400> 35  
gtggcccatg ctctggcaga ggg 23

<210> 36  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 36  
gactggagca aggtcgtcct cgcc 24

<210> 37  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 37  
gcaccaccca caaggaagcc atcc 24

<210> 38  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 38  
gacgaaaggg aagccggcat cacc 24

<210> 39  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 39  
gagaagggtcg tggtcgagca aacc 24

<210> 40  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 40  
cttctcgtgt acttcctgtg cctg 24

<210> 41  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 41  
cacgtcagct ggcgttgcca gctc 24

<210> 42  
<211> 50  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> Artificial sequence  
<222> 1-50  
<223> Sequence is synthesized

<400> 42  
caacttctcg gccgtggtgt ctgtagatgg gcggcctgtg agactccagc 50

<210> 43  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 43  
gcacacacgc atggaggcaa gctc 24

<210> 44  
<211> 24  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-24  
<223> Sequence is synthesized

<400> 44  
gccatcttgt ttacagctcc acca 24

<210> 45  
<211> 50  
<212> DNA

<213> Artificial sequence

<220>

<221> Artificial sequence

<222> 1-50

<223> Sequence is synthesized

<400> 45

ctcctgacct ttggggctgc cacttcccag gacgaccact gcctgccac 50

<210> 46

<211> 177

<212> DNA

<213> Human

<400> 46

gaccctccct ggccgccttt gtctactggc cgtgcgggcc ggaaccgcca 50

ctctccaggg ccggggacgc gccgcagct gtcggtgaca gtcctccct 100

accgcaacct tccggggcgg aggggcggtc gggccgggcc ctgctagccc 150

gcgaccgcaa gccgcgctc gcggatc 177

<210> 47

<211> 774

<212> DNA

<213> Human

<400> 47

gaccctccct ggccgccttt gtctactggc cgtgcgggcc ggaaccgcca 50

ctctccaggg ccggggacgc gccgcagct gtcggtgaca gtcctccct 100

accgcaacct tccggggcgg aggggcggtc gggccgggcc ctgctagccc 150

gcgaccgcaa gccgcgctc gcggatcgat gcccgcgag cagggggacc 200

ccgcgttccc cgaccgctgc gaggcgcctc cggtgccgcc gcgtcgggag 250

cgcggtggac gcgggggacg cgggcctggg gagccggggg gccgggggag 300

tgcggggggt gccgaggggc gcggcgtaa gtgcgtgctg gtcggcgacg 350

gcgcggtggg caagacgagc ctggtggtga gttacaccac caacggctac 400

cccaccgagt acatccctac tgccttcgac aacttctccg cgggtggtgtc 450

tgtggatggg cggcccgtga gactccaact ctgtgacact gccggacagg 500

atgaatttga caagctgagg cctctctgct acaccaacac agacatcttc 550

ctgctctgct tcagtgtcgt gagccctca tccttcaga acgtcagtga 600

gaaatgggtg ccggagattc gatgccactg tcccaaagcc cccatcatcc 650

tagttggaac gcagtcggat ctcagagaag atgtcaaagt cctcattgag 700

ttggacaaat gcaaagaaaa gccagtgcct gaagaggcgg ctaagctgtg 750

cgccgaggaa atcaaagccg cctc 774

<210> 48

<211> 840

<212> DNA

<213> Human

<400> 48

caacttctcc gcggtggtgt ctgtggatgg gcggcccgtg agactccaac 50  
tctgtgacac tgccggacag gatgaatttg acaagctgag gcctctctgc 100  
tacaccaaca cagacatctt cctgctctgc ttcagtgtcg tgagcccctc 150  
atccttccag aacgtcagtg agaaatgggt gccggagatt cgatgccact 200  
gtcccaaagc ccccatcatc ctagtggaa cgcagtcgga tctcagagaa 250  
gatgtcaaag tcctcattga gttggacaaa tgcaaagaaa agccagtgcc 300  
tgaagaggcg gctaagctgt gcgccgagga aatcaaagcc gcctcctaca 350  
tcgagtgttc agccttgact caaaaaaacc tcaaagaggt ctttgatgca 400  
gccatcgctg ctggcattca atactcggac actcagcaac agccaaagaa 450  
gtctaaaagc aggactccag ataaaatgaa aaacctctcc aagtcctggg 500  
ggaagaagta ctgctgtttc gtatgatgct ggcaagacac ccagaaaggc 550  
tattttcaga tgaaatcgat attagaagct atattagctg aaacaactcc 600  
ttttactgcg tagaacctat atcgagagtg tgtgtatatg tattatagga 650  
ggagctctca attttatgta ttctttctgc ctttaatttt cttgtttggt 700  
tgagcttagg gatgagatac ttatgcaaga tatttttgaa gtaaattaaa 750  
catttttcac atctctggaa atttagagtt ctagacctct ggtaattta 800  
tatctaatat gaagaagaca cctctaattc ggatgttaag 840

<210> 49

<211> 47

<212> DNA

<213> Artificial sequence

<220>

<221> Artificial sequence

<222> 1-47

<223> Sequence is synthesized

<400> 49

ggattcta at acgactcact atagggcagc gttgactcag aaaaacc 47

<210> 50  
<211> 48  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-48  
<223> Sequence is synthesized

<400> 50  
ctatgaaatt aaccctcact aaaggagca tatgaatttc agccctaa 48

<210> 51  
<211> 48  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-48  
<223> Sequence is synthesized

<400> 51  
ggattcta atcactcact atagggcacg cacatctgtt tccgtttt 48

<210> 52  
<211> 47  
<212> DNA  
<213> Artificial sequence

<220>  
<221> Artificial sequence  
<222> 1-47  
<223> Sequence is synthesized

<400> 52  
ctatgaaatt aaccctcact aaaggaccca tccccgctct ctaccta 47